

Cystamine, *N,N'*-bis(aminoiminomethyl)-

- , *N,N'*-bis(aminoiminomethyl)-
See Guanidine, *N,N'*-(dithiodi-2,1-ethanediyl)bis- [1072-13-5]
- , *N,N'*-diacetyl-
See Acetamide, *N,N'*-(dithiodi-2,1-ethanediyl)bis- [638-44-8]
- Cystamine disulfide**
See Ethanamine, 2,2'-disulfynylbis- [4747-26-6]
- Cystaminesulfonic acid**
See Ethanesulfonic acid, 2-amino- [300-84-5]
- Cystamine sulfoxide**
See Ethanesulfinothioic acid, 2-amino-, *S*-(2-aminoethyl) ester [556-31-0]
- Cystanin**
See *L*-Cysteine, esters, ethyl ester, hydrochloride [868-59-7]
- Cystaphene**
See 3-Pyridinecarboxamide, *N*-(1-methyl-2-phenylethyl)-, mixt. with 2,2'-dithiobis[ethanamine] [8065-28-9]
- Cystaphos**
See Ethanethiol, 2-amino-, dihydrogen phosphate (ester), monosodium salt [3724-89-8]
- Cystathionamine**
See 1-Propanamine, 3-[(2-aminoethyl)thio]- [56973-49-0]
- Cystathionase**
See Lyase, cystathionine γ - [9012-96-8]
- β -Cystathionase**
See Lyase, cystathionine β - [9055-05-4]
- γ -Cystathionase**
See Lyase, cystathionine γ - [9012-96-8]
- L*-Cystathionine**
See *L*-Homocysteine, *S*-[(2*R*)-2-amino-2-carboxyethyl]- [56-88-2]
- Cystathioninuria**
See *L*-Homocysteine, *S*-[(2*R*)-2-amino-2-carboxyethyl]- [56-88-2], metabolic disorders, cystathioninuria
- Cystatin**
See Proteinase inhibitor, cystatin [81989-95-9]
- Cystatin SA-I**
See Proteinase inhibitor, cystatin SA-I [121381-80-4]
- Cysteamine**
See Ethanethiol, 2-amino- [60-23-1]
- , *S*-sulfo-
See Thiosulfuric acid ($H_2S_2O_3$), *S*-(2-aminoethyl) ester [2937-53-3]
- Cysteamine oxygenase**
See Oxygenase, cysteamine di- [9033-41-4]
- Cysteaminesulfonic acid**
See Thiosulfuric acid ($H_2S_2O_3$), *S*-(2-aminoethyl) ester [2937-53-3]
- Cysteic acid**
See Alanine, 3-sulfo- [13100-82-8]
- Cysteic decarboxylase**
See Decarboxylase, cysteinesulfinate [62213-10-9]
- Cysteinamide**
Only peptides of cysteinamide are indexed at this heading. Cysteinamide itself is indexed at Propanamide, 2-amino-3-mercapto-
- D*-Cysteinamide**
—, glycyl-*D*-leucyl-*D*-prolyl-*D*-cysteinyl-*D*-asparaginyl-*D*-glutamyl-*D*-isoleucyl-*D*-tyrosyl-
cyclic (4-9)-disulfide — see *enantioretro-Oxytocin* [62188-72-1]
- L*-Cysteinamide**
—, *L*-alanyl-*L*-seryl-*L*-cysteinyl-*L*-arginyl-*L*-threonyl-*L*-prolyl-*L*-lysyl-*L*- α -aspartyl-*L*-cysteinyl-*L*-alanyl-*L*- α -aspartyl-*L*-prolyl-*L*-cysteinyl-*L*-arginyl-*L*-lysyl-*L*- α -glutamyl-*L*-threonylglycyl-*L*-cysteinyl-*L*-prolyl-*L*-tyrosylglycyl-*L*-lysyl-*L*-cysteinyl-*L*-methionyl-*L*-asparaginyl-*L*-arginyl-*L*-lysyl-*L*-cysteinyl-*L*-lysyl-*L*-cysteinyl-*L*-asparaginyl-*L*-arginyl-
cyclic (3-24),(9-29),(13-31),(19-34)-tetrakis-(disulfide) — see *Toxin 1 (Heterometrus spinifer)* [201948-00-7]
- , *L*-arginyl-*L*- α -aspartyl-*trans*-4-hydroxy-*L*-prolyl-*L*-cysteinyl-*L*-cysteinyl-*L*-tyrosyl-*L*-histidyl-*L*-prolyl-*L*-threonyl-*L*-cysteinyl-*L*-asparaginyl-*L*-methionyl-*L*-seryl-*L*-asparaginyl-*L*-prolyl-*L*-glutamyl-*L*-isoleucyl-
cyclic (4-10),(5-18)-bis(disulfide) — see α -Conotoxin *E1* [170663-33-9]
- , *L*-cysteinyl-*L*-lysylglycyl-*L*-lysylglycyl-*L*-alanyl-*L*-lysyl-*L*-cysteinyl-*L*-seryl-*L*-arginyl-*L*-leucyl-*L*-methionyl-*L*-tyrosyl-*L*- α -aspartyl-*L*-cysteinyl-*L*-cysteinyl-*L*-threonylglycyl-*L*-seryl-*L*-cysteinyl-*L*-arginyl-*L*-serylglycyl-*L*-lysyl-
See ω -Conotoxin *M VIIA* (reduced) [107407-86-3]
- , *L*-cysteinyl-*L*-lysylglycyl-*L*-lysylglycyl-*L*-alanyl-*L*-prolyl-*L*-cysteinyl-*L*-arginyl-*L*-lysyl-*L*-threonyl-*L*-methionyl-*L*-tyrosyl-*L*- α -aspartyl-*L*-cysteinyl-*L*-cysteinyl-*L*-serylglycyl-*L*-seryl-*L*-cysteinyl-*L*-arginyl-*L*-arginylglycyl-*L*-lysyl-
See ω -Conotoxin *M VIIC* (reduced) [168831-68-3]
- cyclic (1-16),(8-20),(15-28)-tris(disulfide) — see ω -Conotoxin *M VIIC* [147794-23-8]
- , *L*-cysteinyl-*L*-lysyl-*L*-leucyl-*L*-lysylglycyl-*L*-glutamyl-*L*-seryl-*L*-cysteinyl-*L*-arginyl-*L*-lysyl-*L*-threonyl-*L*-seryl-*L*-tyrosyl-*L*- α -aspartyl-*L*-cysteinyl-*L*-cysteinylglycyl-*L*-seryl-*L*-serylglycyl-*L*-lysyl-
cyclic (1-16),(8-20),(15-28)-tris(disulfide) — see ω -Conotoxin *S VIB* [150433-82-2]
- , *L*- α -glutamyl-*L*-cysteinyl-*L*-cysteinyl-*L*-asparaginyl-*L*-prolyl-*L*-alanyl-*L*-cysteinylglycyl-*L*-arginyl-*L*-histidyl-*L*-tyrosyl-*L*-seryl-
See α -Conotoxin *G I* (reduced) [78249-65-7]
- , *L*- α -glutamyl-*L*-cysteinyl-*L*-cysteinyl-*L*-histidyl-*L*-prolyl-*L*-alanyl-*L*-

- cysteinylglycyl-*L*-lysyl-*L*-histidyl-*L*-phenylalanyl-*L*-seryl-
See α -Conotoxin *G II* (reduced) [78277-78-8]
- cyclic (2-7),(3-13)-bis(disulfide) — see α -Conotoxin *G II* [76862-66-3]
- , glycyl-*L*-arginyl-*L*-cysteinyl-*L*-cysteinyl-*L*-histidyl-*L*-prolyl-*L*-alanyl-*L*-cysteinylglycyl-*L*-lysyl-*L*-asparaginyl-*L*-tyrosyl-*L*-seryl-
See Conotoxin *M I* (reduced) [83481-45-2]
- cyclic (3-8),(4-14)-bis(disulfide) — see Conotoxin *M I* [88217-10-1]
- , glycyl-*L*-cysteinyl-*L*-cysteinyl-*L*-seryl-*L*-asparaginyl-*L*-prolyl-*L*-valyl-*L*-cysteinyl-*L*-histidyl-*L*-leucyl-*L*- α -glutamyl-*L*-histidyl-*L*-seryl-*L*-asparaginyl-*L*-leucyl-
cyclic (2-8),(3-16)-bis(disulfide) — see α -Conotoxin *M II* [175735-93-0]
- , glycyl-*L*-cysteinyl-*L*-cysteinyl-*L*-seryl-*L*- α -aspartyl-*L*-prolyl-*L*-arginyl-*L*-cysteinyl-*L*-alanyl-*L*-tryptophyl-*L*-arginyl-
cyclic (2-8),(3-12)-bis(disulfide) — see α -Conotoxin *Im I* [156467-85-5]
- , glycyl-*L*-cysteinyl-*L*-cysteinyl-*L*-seryl-*L*- α -aspartyl-*L*-prolyl-*L*-arginyl-*L*-cysteinyl-*L*-asparaginyl-*L*-methionyl-*L*-asparaginyl-*L*-asparaginyl-*L*-prolyl-*L*- α -aspartyl-*O*-sulfo-*L*-tyrosyl-
cyclic (2-8),(3-16)-bis(disulfide) — see α -Conotoxin *Ep I* [211050-66-7]
- , glycyl-*L*-cysteinyl-*L*-cysteinyl-*L*-seryl-*L*-leucyl-*L*-prolyl-*L*-prolyl-*L*-cysteinyl-*L*-alanyl-*L*-alanyl-*L*-asparaginyl-*L*-asparaginyl-*L*-prolyl-*L*- α -aspartyl-*O*-sulfo-*L*-tyrosyl-
See α -Conotoxin *Pn IA* (reduced) [157961-36-9]
- cyclic (2-8),(3-16)-bis(disulfide) — see α -Conotoxin *Pn IA* [195824-00-1]
- , glycyl-*L*-cysteinyl-*L*-cysteinyl-*L*-seryl-*L*-leucyl-*L*-prolyl-*L*-prolyl-*L*-cysteinyl-*L*-alanyl-*L*-leucyl-*L*-seryl-*L*-asparaginyl-*L*-prolyl-*L*- α -aspartyl-*O*-sulfo-*L*-tyrosyl-
See α -Conotoxin *Pn IB* (reduced) [157998-82-8]
- cyclic (2-8),(3-16)-bis(disulfide) — see α -Conotoxin *Pn IB* [195823-99-5]
- , glycyl-*L*-cysteinyl-*L*-cysteinyl-*L*-seryl-*L*-prolyl-*D*-tryptophyl-*L*- α -aspartyl-*L*-prolyl-*L*-tryptophyl-
cyclic (2-8)-disulfide — see *Contryphan P* [206262-12-6]
- , glycyl-*L*-cysteinyl-*L*-cysteinyl-*L*-seryl-*L*-prolyl-*D*-tryptophyl-*L*-glutamyl-*L*-prolyl-*L*-tryptophyl-
cyclic (2-8)-disulfide — see *Contryphan Sm* [206262-14-8]
- , glycyl-*L*-cysteinyl-*L*-cysteinyl-*L*-seryl-*L*-prolyl-*D*-tryptophyl-*L*- α -glutamyl-*L*-prolyl-*L*-tryptophyl-
cyclic (2-8)-disulfide — see *Contryphan R* [183428-21-9]
- , glycyl-*L*-leucyl-*L*-prolyl-*L*-cysteinyl-*L*-asparaginyl-*L*-glutamyl-*L*-isoleucyl-*L*-tyrosyl-
cyclic (4-9)-disulfide — see *retro-Oxytocin* [62188-71-0]
- , *L*-isoleucyl-*L*-alanyl-*D*-cysteinyl-*L*-lysyl-*L*-phenylalanyl-*L*-isoleucyl-*L*-cysteinyl-*L*-threo-3-mercapto-*D*-2-aminobutanoyl-*L*-prolylglycyl-*L*-cysteinyl-*L*-alanyl-*L*-lysyl-*L*-2,3-didehydro-2-aminobutanoylglycyl-*D*-cysteinyl-*L*-phenylalanyl-*L*-asparaginyl-*D*-cysteinyl-*L*-tyrosyl-*N*-(2-mercaptoethenyl)-
cyclic (3-7),(8-11),(16-21),(19-21)-tetrakis-(sulfide), (Z) — see *Epidermin* (antibiotic) [99165-17-0]
- , *L*-isoleucyl-*L*-alanyl-*D*-cysteinyl-*L*-lysyl-*L*-phenylalanyl-*L*-leucyl-*L*-cysteinyl-*L*-threo-3-mercapto-*D*-2-aminobutanoyl-*L*-prolylglycyl-*L*-cysteinyl-*L*-alanyl-*L*-lysyl-*L*-2,3-didehydro-2-aminobutanoylglycyl-*D*-cysteinyl-*L*-phenylalanyl-*L*-asparaginyl-*D*-cysteinyl-*L*-tyrosyl-*N*-(2-mercaptoethenyl)-
cyclic (3-7),(8-11),(16-21),(19-21)-tetrakis-(sulfide), (Z) — see *Gallidermin* [117978-77-5]
- , *L*-isoleucyl-*L*-cysteinyl-*L*-cysteinyl-*L*-asparaginyl-*L*-prolyl-*L*-alanyl-*L*-cysteinylglycyl-*L*-prolyl-*L*-lysyl-*L*-tyrosyl-*L*-seryl-
cyclic (2-7),(3-13)-bis(disulfide) — see α -Conotoxin *S I* [133605-58-0]
- , *L*-leucyl-*L*-valyl-*L*-lysyl-*L*-cysteinyl-*L*-arginylglycyl-*L*-threonyl-*L*-seryl-*L*- α -aspartyl-*L*-cysteinylglycyl-*L*-arginyl-*L*-prolyl-*L*-cysteinyl-*L*-glutamyl-*L*-glutamyl-*L*-threonylglycyl-*L*-cysteinyl-*L*-prolyl-*L*-asparaginyl-*L*-seryl-*L*-cysteinyl-*L*-isoleucyl-*L*-asparaginyl-*L*-arginyl-*L*-methionyl-*L*-cysteinyl-*L*-lysyl-*L*-cysteinyl-*L*-tyrosylglycyl-
cyclic (4-25),(10-30),(14-32),(20-35)-tetrakis-(disulfide) — see *Toxin 1 (Pandinus imperator)* [177322-12-2]
- , 5-oxo-*L*-prolyl-*L*-arginyl-*L*-leucyl-*L*-cysteinyl-*L*-cysteinylglycyl-*L*-phenylalanyl-*L*-seryl-*L*-4-hydroxy-*L*-prolyl-*L*-lysyl-*L*-seryl-*L*-cysteinyl-*L*-arginyl-*L*-seryl-*L*-arginyl-*L*-glutamyl-*L*-cysteinyl-*L*-lysyl-*L*-4-hydroxy-*L*-prolyl-*L*-histidyl-*L*-arginyl-*L*-cysteinyl-
cyclic (4-16),(5-21),(11-22)-tris(disulfide) — see μ -Conotoxin *P IIIA* [184840-20-8]
- , 5-oxo-*L*-prolyl-*L*-lysyl-*L*-seryl-*L*-leucyl-*L*-valyl-*L*-prolyl-*L*-seryl-*L*-valyl-*L*-isoleucyl-*L*-threonyl-*L*-threonyl-*L*-cysteinyl-*L*-cysteinylglycyl-*L*-tyrosyl-*L*- α -aspartyl-*L*-4-hydroxy-*L*-

prolylglycyl-*L*-threonyl-*L*-methionyl-*L*-cysteinyl-*L*-4-hydroxy-*L*-prolyl-*L*-4-hydroxy-*L*-prolyl-*L*-cysteinyl-*L*-arginyl-*L*-cysteinyl-*L*-threonyl-*L*-asparaginyl-*L*-seryl-
See κ A-Conotoxin *S IVA* (peptide moiety reduced) [162476-56-4]

- , *L*-phenylalanyl-*L*-lysyl-*D*-cysteinyl-*L*-tryptophyl-2,3-didehydroalanyl-*L*-phenylalanyl-*L*-cysteinyl-*L*-2-amino-3-mercaptobutanoyl-*L*-prolylglycyl-*L*-cysteinyl-*L*-alanyl-*L*-lysyl-*L*-2-amino-2-butenoylglycyl-*D*-cysteinyl-*L*-phenylalanyl-*L*-asparaginyl-*D*-cysteinyl-*L*-tyrosyl-*N*-(1*Z*)-2-mercaptoethenyl-
cyclic (3-7),(8-11),(16-21),(19-21)-tetrakis-(thioether) — see *Mutacin B-Ny* 266 [194018-10-5]
- , *L*-tyrosyl-*L*-cysteinyl-*L*-cysteinyl-*L*-histidyl-*L*-prolyl-*L*-alanyl-*L*-cysteinylglycyl-*L*-lysyl-*L*-asparaginyl-*L*-phenylalanyl-*L*- α -aspartyl-
cyclic (2-7),(3-13)-bis(disulfide) — see α -Conotoxin *S IA* [135190-31-7]
- , *L*-valyl-*L*-seryl-*L*-cysteinyl-*L*-threonylglycyl-*L*-seryl-*L*-lysyl-*L*- α -aspartyl-*L*-cysteinyl-*L*-tyrosyl-*L*-alanyl-*L*-prolyl-*L*-cysteinyl-*L*-arginyl-*L*-lysyl-*L*-glutamyl-*L*-threonylglycyl-*L*-cysteinyl-*L*-prolyl-*L*-asparaginyl-*L*-alanyl-*L*-lysyl-*L*-cysteinyl-*L*-isoleucyl-*L*-asparaginyl-*L*-lysyl-*L*-seryl-*L*-cysteinyl-*L*-lysyl-*L*-cysteinyl-*L*-tyrosylglycyl-
cyclic (3-24),(9-29),(13-19),(31-34)-tetrakis-(disulfide) — see *Maurotxin* [188240-41-7]

Cysteinamine

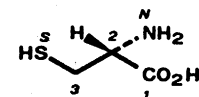
See Ethanethiol, 2-amino- [60-23-1]

Cysteine [3374-22-9]

The *L*-isomer has been assumed unless otherwise specified or implied in the original document and is indexed at *L*-Cysteine [52-90-4]. When synthetic cysteine has been clearly indicated in the original document, the racemate has been assumed and is indexed at this heading. These assumptions have also been made for their *N*- and *S*-substituted derivs. and for their unsubstituted and *N*- and *S*-substituted acid derivs. (e.g., esters, hydrazides)

Studies of salts of aluminum, beryllium, gallium, indium, magnesium, thallium and the transition metals are indexed at the headings of these metals. Other metal salts are indexed at the Cysteine headings

- , *S*-adenosyl-
See Adenosine, 5'-*S*-(2-amino-2-carboxyethyl)-5'-thio- [24386-85-4]
- , *S*-(4-carboxybutyl)-
See Pentanoic acid, 5-[(2-amino-2-carboxyethyl)-thio]- [5390-01-2]
- , *S*-(1-carboxy-2-methylpropyl)-
See Butanoic acid, 2-[(2-amino-2-carboxyethyl)-thio]-3-methyl- [2134-55-6]
- , *S*-(3-carboxypropyl)-
See Butanoic acid, 4-[(2-amino-2-carboxyethyl)-thio]- [3054-00-0]
- , *S*-(1,2-dicarboxyethyl)-
See Butanedioic acid, [(2-amino-2-carboxyethyl)-thio]- [34317-60-7]
- , 3,3-dimethyl-
See Valine, 3-mercapto- [52-66-4]
- , *S*-ethenyl-
S-oxide — see Alanine, 3-(ethenylsulfynyl)- [5652-34-6]
- , *S*-hydroxy-
See Alanine, 3-sulfo- [5722-80-5]
- , *S*-methyl-
S-oxide — see Alanine, 3-(methylsulfynyl)- [4740-94-7]
- , *S*-sulfo-
See *L*-Cysteine, esters, hydrogen sulfate (ester) [1637-71-4]
- L*-Cysteine [52-90-4]

*L*-Cysteine, compounds

- S*-mercury(2+) salt — see *Mercurate*(2-), bis(*L*-cysteinato(2-)- κ N, κ S)-, dihydrogen, (T-4)- [22782-46-3]
- L*-Cysteine, esters
S-ester with 3-(thiosulfo)-*L*-alanine — see *L*-Cystine, oxides, *S,S*-dioxide [30452-69-8]
- L*-Cysteine**
—, *L*-alanyl-*L*-alanyl-*L*-alanyl-*L*-alanyl-*L*-prolylglycyl-*L*-alanyl-*L*-alanyl-*L*-glutamyl-*L*-glutamyl-*L*-glutamyl-*L*-leucyl-*L*-prolyl-*L*-leucylglycyl-*L*-glutamyl-*L*-arginyl-*L*- α -glutamyl-*L*-arginyl-*L*-lysyl-*L*-alanyl-*L*-cysteinyl-*L*-phenylalanyl-*L*-phenylalanyl-*L*-tryptophyl-*L*-lysyl-*L*-threonyl-*L*-phenylalanyl-*L*-seryl-*L*-seryl-
See *Somatostatin-35 (Lampetra fluviatilis reduced)* [169740-50-5]
- , *L*-alanyl-*L*-alanyl-*L*-alanyl-*L*-valyl-*L*-alanyl-*L*-seryl-*L*-prolyl-*L*-glutamyl-*L*-glutamyl-*L*-glutamyl-*L*-leucyl-*L*-prolyl-*L*-leucylglycyl-*L*-glutamyl-*L*-arginyl-*L*- α -glutamyl-*L*-arginyl-*L*-lysyl-*L*-alanyl-*L*-cysteinyl-*L*-phenylalanyl-*L*-phenylalanyl-*L*-tryptophyl-*L*-lysyl-*L*-threonyl-*L*-phenylalanyl-*L*-seryl-*L*-seryl-
See *Somatostatin-34 (Petromyzon marinus reduced)* [117924-49-9]